**Index of Claims** 

Application No.

09/491,639

Examiner

Stephen J. Castellano

Applicant(s)

BLUCHER, TIMOTHY L.
Art Unit

3727

Rejected

**Allowed** 

(Through numeral) Cancelled

Restricted

Non-Elected N

Interference

Appeal

0

Objected

|              | im             | Date     |                |          |                 |  |   | _ر              | <b>7</b> /1                             | Cla                                   | im          | Date     |  |          |  |                  |               | Æſ      | Cli  | Date      |                  |  |          |          |                                     |               |  |                 |          |                 |               |          |
|--------------|----------------|----------|----------------|----------|-----------------|--|---|-----------------|---|---------------------------------------|-------------|----------|--|----------|--|------------------|---------------|---------|--|-----------|------------------|--|----------|----------|-------------------------------------|---------------|--|-----------------|----------|-----------------|---------------|----------|
|              |                |          |                |          | <del>- ۲</del>  | Jace   |   |                 |   | Ť.                                    | Claim       |          |  |          |  |                  | -1            | 1.4     |  |           | Totale Transport |  |          |          |                                     |               |  | $\dashv$        |          |                 |               |          |
| Final        | Original       |          | 2              |          |                 | į  |   |                 | 1 | · · · · · · · · · · · · · · · · · · · | Final       | Original | 4<br>94  | 2        |  |                  |               |         |  |           | distriction i    | Final  | Original |          |                                     |               |  |                 |          |                 |               |          |
|              | 1              |          | 7              | Н        | $\dashv$        | +  | +   | H               | $\dashv$                                | 7;<br>4                               |             | 51       | 7  |          | -  | ₩                | +             | +-      | $\vdash$   | -         |                  |  | 101      | $\dashv$ | $\dashv$                            | _             | $\vdash$                               |                 | $\dashv$ | ╅               | $\dashv$      | $\dashv$ |
|              | 2              | Ť        | Ť              | H        | $\dashv$        | ┰  | +-  | $\vdash$        | }                                       | 1                                     |             | 52       | ;}   | 1.7      | $\vdash$   | ++               | $\top$        | +-      |  | ヿ.        | - 1              |  | 102      |          | _                                   |               | П                                      | 7               | _        | 寸               | ヿ             | $\neg$   |
| <del></del>  | 3              | Н        | H              | $\vdash$ | $\dashv$        | +  | +   | $\vdash$        |   |                                       |             | 53       | 1  | Ť        | ┢  | <del>   </del>   | ┰             | +-      | $\vdash$   | -         | ٠.               |  | 103      |          |                                     | $\neg$        | Н                                      | $\dashv$        | _        | ┪               | ┪             | _        |
| <u> </u>     | 4              | ╂        | H              | $\vdash$ |                 | +  | +   | $\vdash$        |   |                                       |             | 54       | ╁┼   | ╫        | ╁  | <del>   </del>   | +             | ╅       | 1-1  | -         |                  |  | 104      | $\dashv$ | -1                                  |               | Н                                      | $\dashv$        | -        | -               | 7             | _        |
| -            |                | Η,       | 7              | ╁        | -+              | +  | +   | $\vdash$        | -                                       |                                       |             | 55       | H  | H        | ┢  | $\vdash$         | +             | +-      | ┨  | 1         |                  |  | 105      | $\dashv$ | 一                                   |               | Н                                      | Н               | $\dashv$ | -               | $\dashv$      | _        |
| -            | 5              | <u> </u> | Ė.             | Н        | -               | -  |   | $\vdash$        | }                                       | -                                     |             | 56       | ₩  | Н        | ⊢  | ╂╌┼╴             |               | +       | ╂╂   |           | -                |  | 106      | -        | ᅱ                                   | -             | Н                                      | $\vdash$        | $\dashv$ | -               | -             | _        |
| _            | 6              | N        | ٧              | $\vdash$ |                 |  | +-  | $\vdash$        | }                                       | ं।                                    |             |          | ₽  | H        | ├  | ⊢                |               | ╁       | ╂═╌╂   |           | . }              |  | 107      |          |                                     |               | Н                                      | $\vdash$        | -        |                 | $\dashv$      | _        |
| <u> </u>     | 7              | И        | ٧              | Н        | -               | +  | +   | ⊢┼              |   | -:1                                   |             | 57       | ₩  | ₩        | ├  | 1-1              | -             | +-      | ╁╌╂  | $\dashv$  |                  | -  | 108      |          | -                                   |               | -                                      | Н               |          | -               | +             |          |
| L            | مهر            | ١_,      | L.,            |          |                 | - -  | ┷   | $\vdash$        |   |                                       |             | 58       | '-   | 1/       | 1—   | 1-1              | +             | +       | ╁╌╁  | $\dashv$  |                  |  |          | -        |                                     |               |  | $\dashv$        | $\dashv$ | -               | $\dashv$      | _        |
|              | 9              | _        | ✓              |          |                 | -  | +   | $\vdash \vdash$ | :ا—                                     |                                       |             | 59       | Υ.   | V,       | <u> </u>   | ₩                | +             | ┵       | ╁╼╂  | -         |                  |  | 109      | $\dashv$ | $\dashv$                            | _             | H                                      | -               |          | $\dashv$        | -+            | _        |
|              | 100            | L.       | L,             | Ш        | _               | -  | $\bot$  | $\vdash$        |   | <br>                                  |             | 60       | N  | Ň        | _  | $\vdash$         | +             | ╄-      | ₩  | 4         |                  |  | 110      |          |                                     |               |  | $\vdash$        |          | -               | $\dashv$      | _        |
|              | 11             | /        | 1              | Ш        | _               | 4  | $\perp$   | $\sqcup$        | إ                                       |                                       |             | 61       | N  | N        | 1  | $\vdash$         | +             | +-      | ₩  |           | - 1              |  | 111      |          |                                     |               |  | $\vdash$        |          |                 |               |          |
|              | 12             | 匚        | L              | Ш        | _               | _ _  | _   | $\sqcup$        |   |                                       |             | 62       | Ŋ  | Z        | <u> </u>   | $\sqcup$         | 4             | _       | $\vdash$   |           | ا::-             |  | 112      | $\dashv$ | _                                   | _             | $\vdash$                               | $\vdash \vdash$ | _        | $\dashv$        | $\dashv$      |          |
|              | 13             | <u> </u> | <u> </u>       | Ш        |                 | 1  | $\bot$  | $\sqcup$        | _ :                                     | ψ.                                    |             | 63       | <b>/</b>   | 1        | <b> </b>   | $\vdash$         | +             | $\perp$ | <del>                                     </del> | _         |                  |  | 113      | $\Box$   |                                     | _             | $\vdash$                               | Щ               | _        | 4               | -             |          |
|              | 1              |          | <u> </u>       | Ш        |                 | $\perp$  | $\perp$   | $\sqcup$        | _                                       |                                       |             | 64       | 1_   | _        | <u> </u>   | $\sqcup$         |               | $\bot$  | <del>                                     </del> |           |                  |  | 114      | $\sqcup$ |                                     |               |  | $\sqcup$        |          | _               | $\dashv$      | _        |
|              | 15             |          | 匚              | Ш        |                 |  | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | Ш               |   |                                       |             | 65       | L  | <u> </u> | <u> </u>   | $\sqcup$         | _             | 4       | ⇊  | _ :       | :                |  | 115      |          |                                     |               |  | Щ               |          | $\dashv$        | _             | _        |
|              | 15             | L        | L              | Ш        |                 |  |   | Ц               |   |                                       |             | 66       | 匚  | _        | <u> </u>   | Ш                |               | $\bot$  | ╙  | ].        |                  |  | 116      | Ш        |                                     | _             | ш                                      | Щ               |          | Ц               | _             |          |
|              | 17             | 匚        | Ŀ              | Ш        |                 |  |   | Ц               |   |                                       |             | 67       | _  | oxdot    | ╙  | $\sqcup$         | $\bot$        | ↓_      | ⇊  | j:        | : «I             |  | 117      |          | ]                                   |               | L                                      | Ш               |          | Ц               | _             | _        |
|              | 18             |          | L              |          | $\Box$          |  |   | Ш               | _]`                                     |                                       |             | 68       | L  | L_       |  | $\sqcup \bot$    |               | $\perp$ | $\sqcup$ 1                                       | _         |                  |  | 118      |          |                                     |               | ᆫ                                      | Ш               | _        |                 |               |          |
| •            | 19             |          |                |          | $\Box$          | $oldsymbol{ol}}}}}}}}}}}}} $ |   |                 |   |                                       |             | 69       |  | L        | L  | Ш                |               |         |  | _         |                  |  | 119      |          |                                     |               | L_                                     | Ш               |          | $\Box$          | _             |          |
|              | <b>a b</b>     | $L^-$    |                |          |                 |  |   | $\square$       | _].                                     | ٠.                                    |             | 70       | 匚  | Ĺ        |  | Ш                |               |         | $oxed{oxed}$                                     |           |                  |  | 120      |          |                                     |               | _                                      | Ш               |          | Ш               | _1            |          |
|              | 2†⊓            | Π        | Γ              |          | Т               |  |   |                 | $\neg$                                  | v                                     |             | 71       |  |          |  | $\Box$           |               |         |  |           |                  |  | 121      |          |                                     |               |  | Ш               |          |                 |               | _        |
|              | 122            | Г        | Г              | П        | $\neg$          |  |   | П               | 7                                       |                                       |             | 72       | П  | Π        | Γ  | П                | T             | Т       | $\Box$   |           |                  |  | 122      |          |                                     |               |  |                 |          |                 |               |          |
|              | 43             | Г        |                | П        | $\neg$          | $\neg \neg$  | T   | П               |   |                                       |             | 73       | П  | Γ        | Γ  |                  |               | Т       | -  |           |                  |  | 123      |          |                                     |               |  |                 |          |                 |               |          |
|              | 24             | _        |                |          |                 | ╗  | 7   | П               |   |                                       |             | 74       |  | Г        | Г  | П                | Т             | Т       | П  | $\Box$    | -,               |  | 124      |          |                                     |               |  | П               |          |                 | П             |          |
|              | 25             | Ι-       | $\vdash$       | П        |                 | 1  |   | П               | 7                                       |                                       |             | 75       | Г  |          | Г  |                  | $\neg \vdash$ | T       | П  | 7         |                  |  | 125      |          |                                     |               |  |                 |          | П               | T             |          |
|              | 136            | _        | Г              | $\Box$   | 十               | $\top$   | $\top$  | П               | 7                                       |                                       |             | 76       | T  |          |  | П                |               | 1       | П  | $\neg$    | T. S.            |  | 126      |          |                                     |               |  | П               |          |                 | П             |          |
| <b>-</b>     | 35<br>35<br>37 | Н        | ┢              | Н        | $\dashv$        | +-   | _   |                 | ⊣.                                      |                                       |             | 77       | <del>                                     </del> | T        | Т  |                  | $\neg \vdash$ | 1       | П  | ╗         | -                |  | 127      |          |                                     |               |  | П               |          |                 | $\neg$        |          |
|              | 28             | 7        | 1,/            | Н        | 十               | _  | +   |                 | ᅱ                                       |                                       |             | 78       |  | T        | Т  | T                | $\top$        | $\top$  | $\Box$   | ╗         |                  |  | 128      |          |                                     |               |  |                 |          |                 | $\neg$        | _        |
|              | 29             | Ť        | Ť              | Н        | $\dashv$        |  | $\top$  | Н               | 一.                                      |                                       |             | 79       | T  | $\vdash$ | 1  | 1 1              | _             | $\top$  | $\top$   | ヿ         |                  |  | 129      |          |                                     | $\overline{}$ |  | П               |          | $\Box$          | ┪             | _        |
|              | 30             | ╫        | ╁              | Н        | $\dashv$        | +  | ナー  |                 | -                                       | 31.00                                 | -           | 80       | T  | $\vdash$ | ┢  |                  | -             | 一       | $\Box$   | 7         |                  |  | 130      |          |                                     |               | Г                                      | П               |          | П               | ヿ             | _        |
| <del> </del> | 31             | ╫        | H              | Н        | _               | +  | ╁┈  | Н               | 一                                       |                                       |             | 81       | <del>                                     </del> | 1        | ╁  | 1                | $\neg$        | +-      | $\Box$   | T         | :·-              |  | 131      |          |                                     |               | T                                      | П               |          | $\Box$          | ┪             | _        |
|              | 32             | ╫        | H              | H        | $\dashv$        | +  | +-  | H               | 一:                                      |                                       | _           | 82       | <del>                                     </del> | $\vdash$ | т  | +                | 十             | 十       | +  | $\dashv$  | ·                |  | 132      | П        | $\dashv$                            | $\vdash$      |  | $\vdash$        |          | $\vdash$        | ┪             | _        |
| <del> </del> | 33             | ╫        | ╁              | $\vdash$ |                 | +-   | +   | ╁╌┼             |   |                                       |             | 83       | $t^{-}$  | ┰        | $\vdash$   | ++               | +             | +       | 1-1  | $\dashv$  |                  |  | 133      | Н        | $\vdash$                            | $\vdash$      | $\vdash$                               | Н               | $\vdash$ | $\vdash$        | _             |          |
| $\vdash$     | 34             | #-       | H              | H        | +               | +  | +   | ⊢               |   | 4                                     |             | 84       | +  | t        | 1  | † †              | $\dashv$      | ╅       | 1-1  | 一         | 1                |  | 134      | Н        | Н                                   | $\vdash$      |  |                 |          | $\vdash$        | $\dashv$      | _        |
|              | 35             | ݫ        | Ż              | Н        | -+              | +  | +-  | $\vdash \vdash$ |   | i . ‡                                 |             | 85       | $\vdash$   | $\vdash$ | 1  | ╁─┼              | +             | $\top$  | ┪  | 7         |                  |  | 135      | H        | $\vdash$                            | Н             | $\vdash$                               | Н               |          | $\vdash$        | 一             |          |
|              | 38             | <u> </u> | <del>  Y</del> | Н        |                 | ┰  | +-  | ┼╌┤             |   |                                       |             | 86       | ┰  | 1        | 1-   | <del>  -  </del> | +             | +       | +  | $\dashv$  |                  | _  | 136      | $\vdash$ | Н                                   | $\vdash$      | $\vdash$                               | H               | -        | $\vdash$        | ᅱ             | _        |
| $\vdash$     | 20             | $\vdash$ | 1              | ╌┤       |                 | +  | +-  | ╌┤              | $\dashv$                                |                                       |             | 87       | +  | -        | ╁  | ╁╾┼              | +             | +       | ╁┤   | $\dashv$  | ď.               |  | 137      | $\vdash$ |                                     | <del> </del>  |  | Н               |          |                 | $\dashv$      |          |
|              |                |          | <del> </del> - | ╂╼┤      |                 | +  | +   | $\vdash$        |   |                                       |             |          | +-   | $\vdash$ | ⊢  | ╁╼┼              | +             | +       | ╁╌╂  |           | -                | <del>                                     </del> | 138      | H        | $\vdash$                            |               | $\vdash$                               | Н               | $\vdash$ | $\vdash$        | -             | _        |
| ⊢            | 38             | ×        | 14             | $\vdash$ |                 |  | +-  | ╂╼╂             |   |                                       |             | 88       | ⊢  |          | ⊢  | ++               | +             | +       | ╁╼┪  | $\dashv$  |                  |  | 139      | Н        | -                                   | -             | $\vdash$                               | Н               | H        | $\vdash$        | ┪             | -        |
| <u> </u>     | 39             | ₽        | Н              | $\vdash$ | $\vdash$        |  | +-  | $\vdash$        |   |                                       | <del></del> | 89       | $\vdash$   | ⊢        | ╀  | $\vdash$         | +             | +       | ╁╾╅  | $\dashv$  |                  | <del></del>                                      | 140      | H        |                                     | <del> </del>  | ├-                                     | Н               |          |                 | $\dashv$      | _        |
| <u> </u>     | 40             | Щ.       | Н              | Н        | <b>├</b> }-     | $\bot$   | +   | $\sqcup$        | _                                       | •                                     | <u> </u>    | 90       | <del>ا</del> ن                                   | ١-       |  | $\vdash$         |               | +       | ╀╼┨  | $\dashv$  |                  | <u> </u>   | 141      | Н        | Н                                   | ├             | ├-                                     | Н               | <u> </u> | $\dashv$        |               | _        |
| <u> </u>     | 41             | 11       | Н              | Ш        | $\vdash \vdash$ | ┸  |   | Ы               | _                                       | .;;.<br>.;;.                          |             | 91       |  |          | ╄  | 1 +              | - -           | +-      | 1-1  | 4         |                  | ļ  |          | Н        | H                                   | <u> </u>      | ⊢                                      | -               | <u> </u> | ⊢⊢              | 4             | -        |
|              | 42             | Ц.       | Н              | Ш        | $\sqcup$        | 4  | Ц   | \lbrack₋        | _                                       | ÷ .                                   |             | 92       | ₩  | ⊢        | <del> </del>   | <b>├</b>         | +             | +       | +  | _         | 100              |  | 142      | $\vdash$ |                                     | <u> </u>      | <del> </del>                           | $\vdash$        | $\vdash$ | $\vdash \vdash$ | $\dashv$      |          |
| <u> </u>     | 43             | Ц.       | Ш              | $\perp$  | $\sqcup$        |  | ┵   | ╙               | _                                       | ď                                     |             | 93       | 1  | 1        | ╄  | +                | 4             | +       | $\vdash$   | _         | 24<br>24<br>44   |  | 143      | $\vdash$ | $\vdash$                            | ⊢             | ├-                                     | -               |          | dash            | -             | _        |
| L            | 44             | Щ        | Ш              | Ш        | oxdot           | ᆚ.   |   | $\sqcup$        | _                                       | A                                     |             | 94       | ↓_   | 1_       | ╄  | <b>↓</b> ↓       | _             | 4-      | ╂╼╂  | _         | • •              |  | 144      | <u> </u> | <u> </u>                            |               | ⊢-                                     |                 |          | $\sqcup$        |               | -        |
| <u> </u>     | 45             | Щ        | Ш              | Ш        |                 |  |   | $\sqcup$        |   | THE TRUET                             |             | 95       | _  | 1_       | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | 11               | _ _           | $\bot$  | $\sqcup$   | _         | ٠.               | <u> </u>   | 145      | $\vdash$ | $\vdash$                            | <b>—</b>      | <b>L</b>                               | <b> </b>        |          | Ш               | _             |          |
|              | 46             | Ш        | Ш              |          |                 |  |   | Ш               |   | 7                                     |             | 96       | ↓  | _        | ╄  | $\sqcup$         | _             | ┵       | $\perp$  | _         | .**              | <u> </u>   | 146      | _        |                                     | <u> </u>      | <u> </u>                               | ļ               | <u> </u> | Щ               | $\dashv$      | <u> </u> |
|              | 47             |          | Π              |          |                 |  |   | ĿĬ              |   | ::                                    |             | 97       |  | $\perp$  | $\perp$  | $\perp \perp$    |               | 1       | $\perp$  |           | : "              |  | 147      | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |               | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | L               | <u> </u> | Ш               |               | _        |
|              | 48             | 1        | V              |          |                 | T  |   |                 |   | ٠.,                                   |             | 98       |  |          |  |                  | $\perp$       | 1       | Ш  | $\square$ |                  |  | 148      | _        |                                     | <u> </u>      | ┖                                      | _               | _        | Ш               |               | L.       |
|              | 49             | N        | N              |          |                 | _  | T   | $\Box$          |   | . [                                   |             | 99       |  | L        | L  | $\Box$           |               | L       | $\Box$   |           | 1                |  | 149      |          |                                     |               | $\Box$                                 |                 |          | Ш               |               | _        |
|              | 50             | N        | A              | П        |                 | _  | 1   | П               |   | ٠. ٦                                  |             | 100      |  | Г        | Γ  | П                |               |         |  |           | FÜ               |  | 150      |          |                                     |               |  |                 |          | $oxed{oxed}$    |               |          |
|              |                |          | اتب            | _        |                 |  |   | _               | _                                       |                                       |             |          |  | •        | •  | -                |               |         |  | _         |                  |  |          |          | _                                   |               | •                                      |                 |          |                 | $\overline{}$ | _        |